

*Cape Air*



**NANTUCKET  
AIRLINES**

# Welcome

## FAA

## Cessna

## Cessna Owner/operators

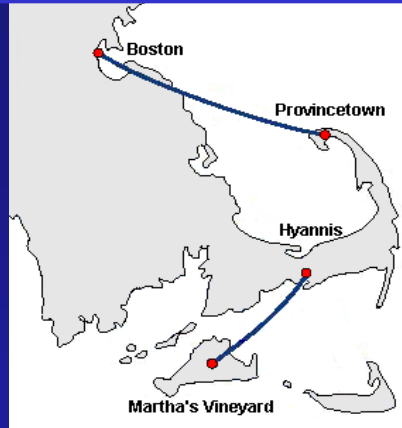
## March 3, 2004



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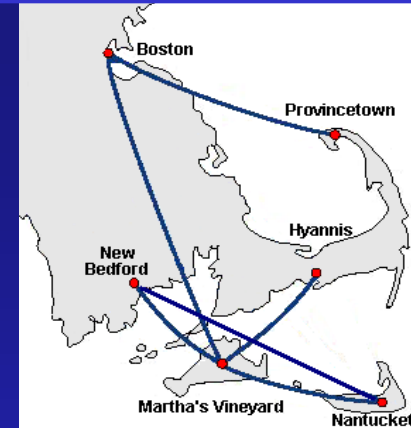
1989



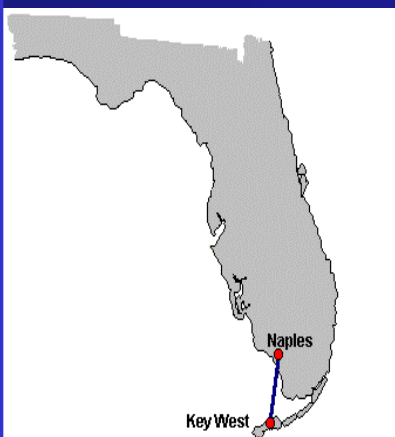
1990



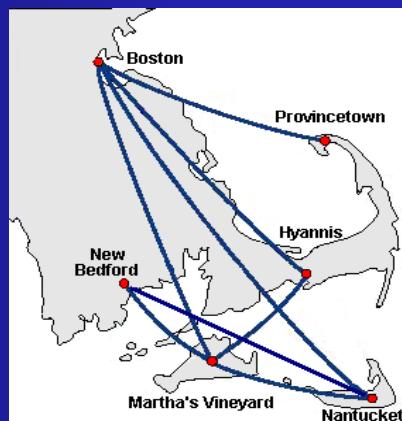
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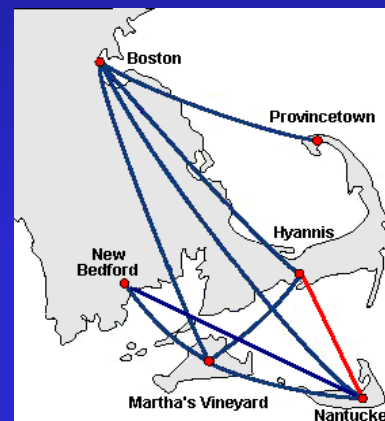
1992



1993



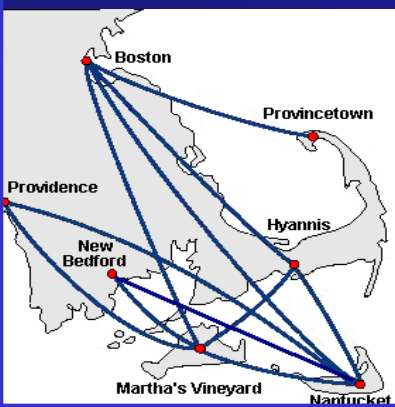
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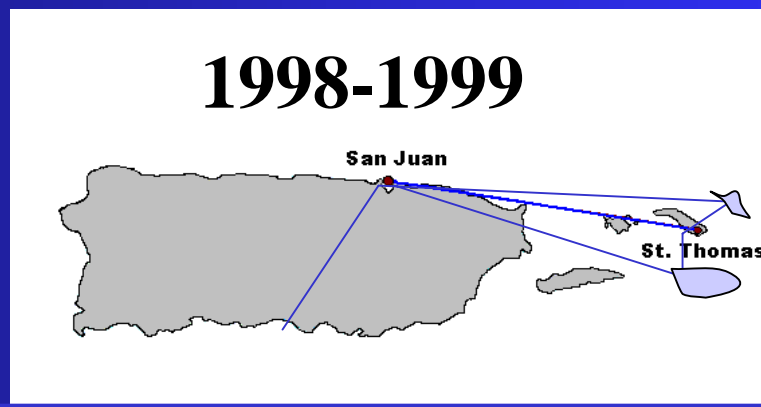
1994



1996

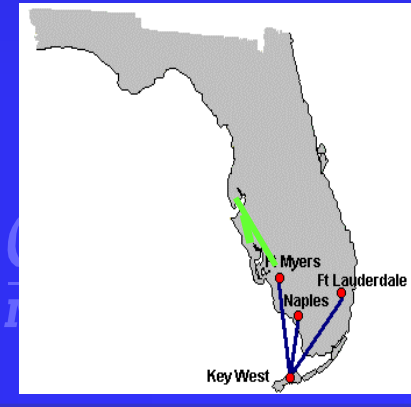


1998



1998-1999

2003





# Our mission

- 📞 Highest level of safety to the public
- 📞 Ongoing risk assessment to minimize risk
- 📞 Preservation of assets

# Some Cape Air Stats

 Fleet of 50 Cessna 402 C's

 120,000 Flights per year

 50,000 Flight hours per year

 Low Altitude/Corrosive Environment

# So Far...

 13 Aircraft (26 wings) Inspected/Tested

 9 Aircraft (18 wings) Completed

 5 Lower Front Spar Caps Replaced


- 4 field induced defects


- 1 Factory induced defect

 6 Lower Front Spar Caps repaired due to

field induced defects

# The Job...

 Labor Hours: 400-500 (MEB02-5 R1 calls for 485) for experienced mechanic with no additional repairs

 To Change Spar Cap: 300-400 additional labor hours including: replacement of leading edge and removal and installation of firewall





Cape Air

N2714M

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N161TA

161

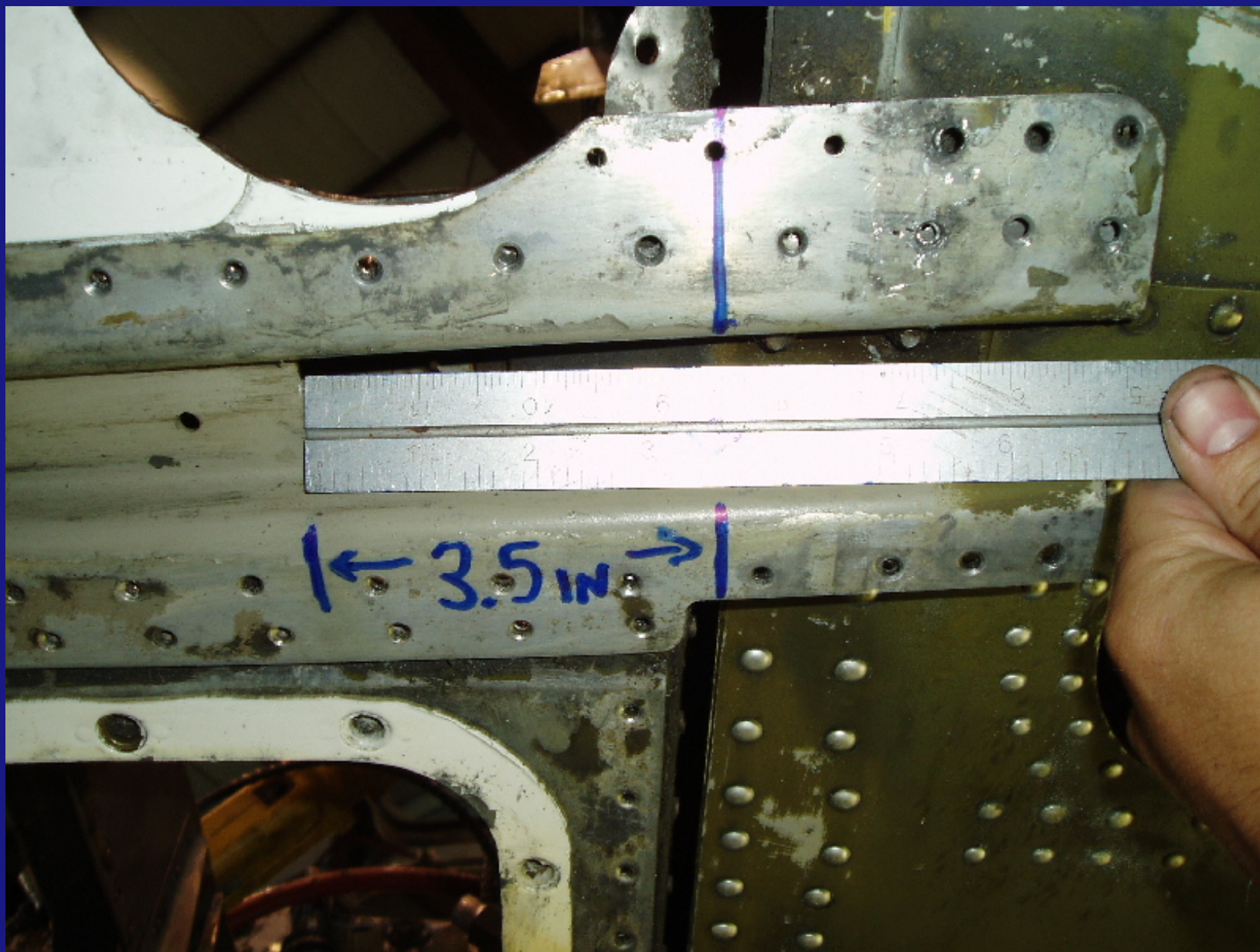










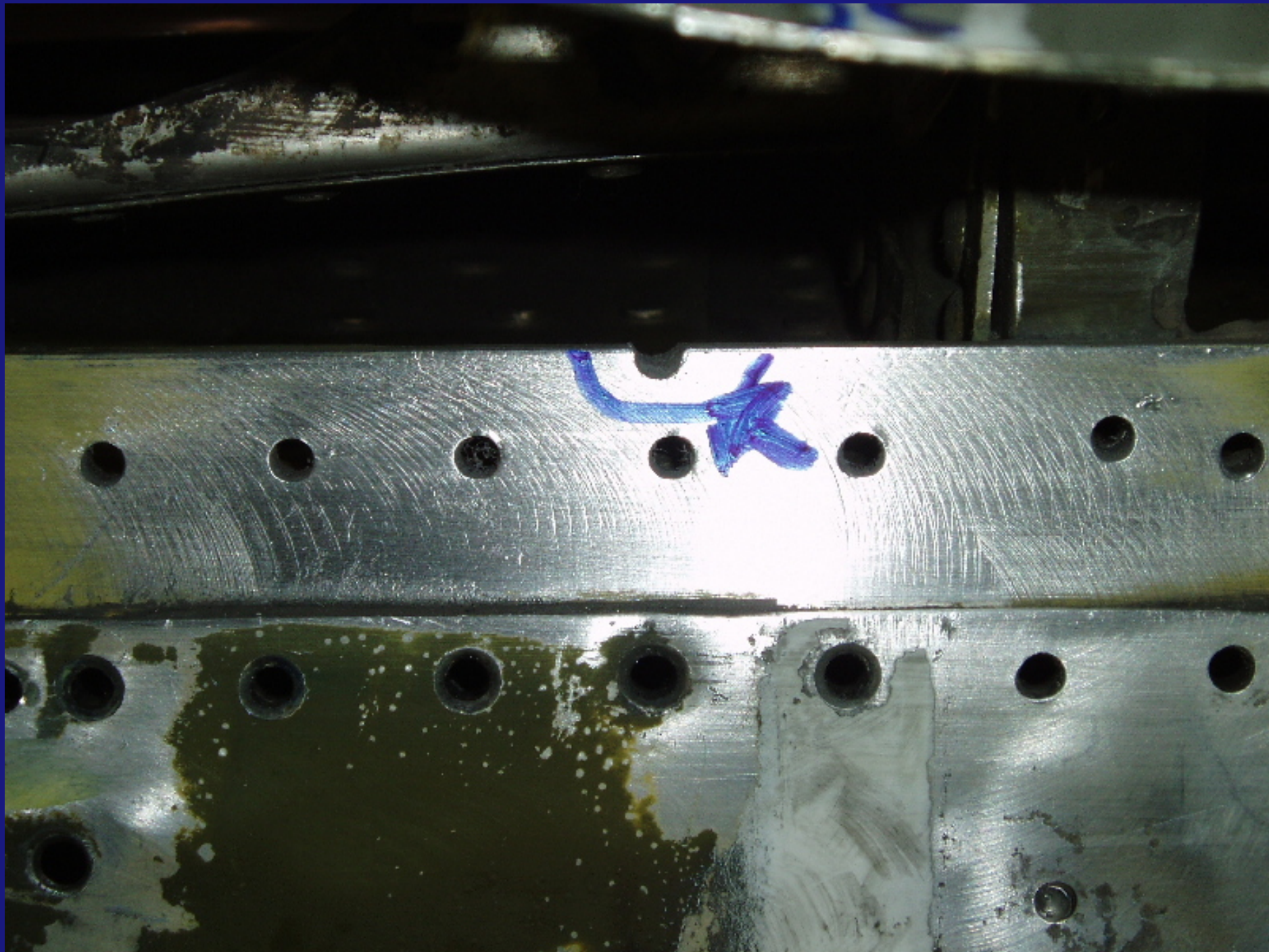




FWD ↑

INBO  
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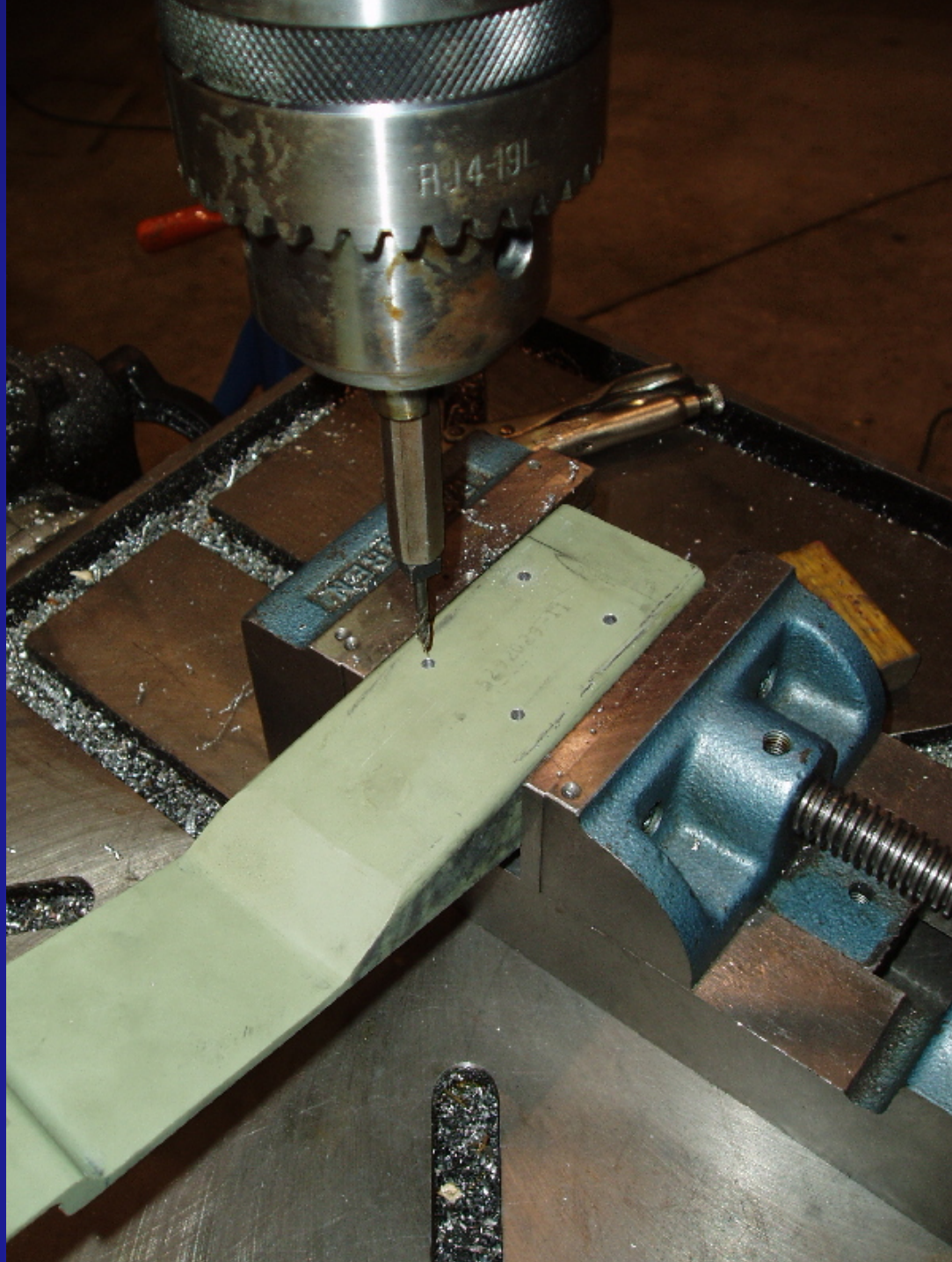




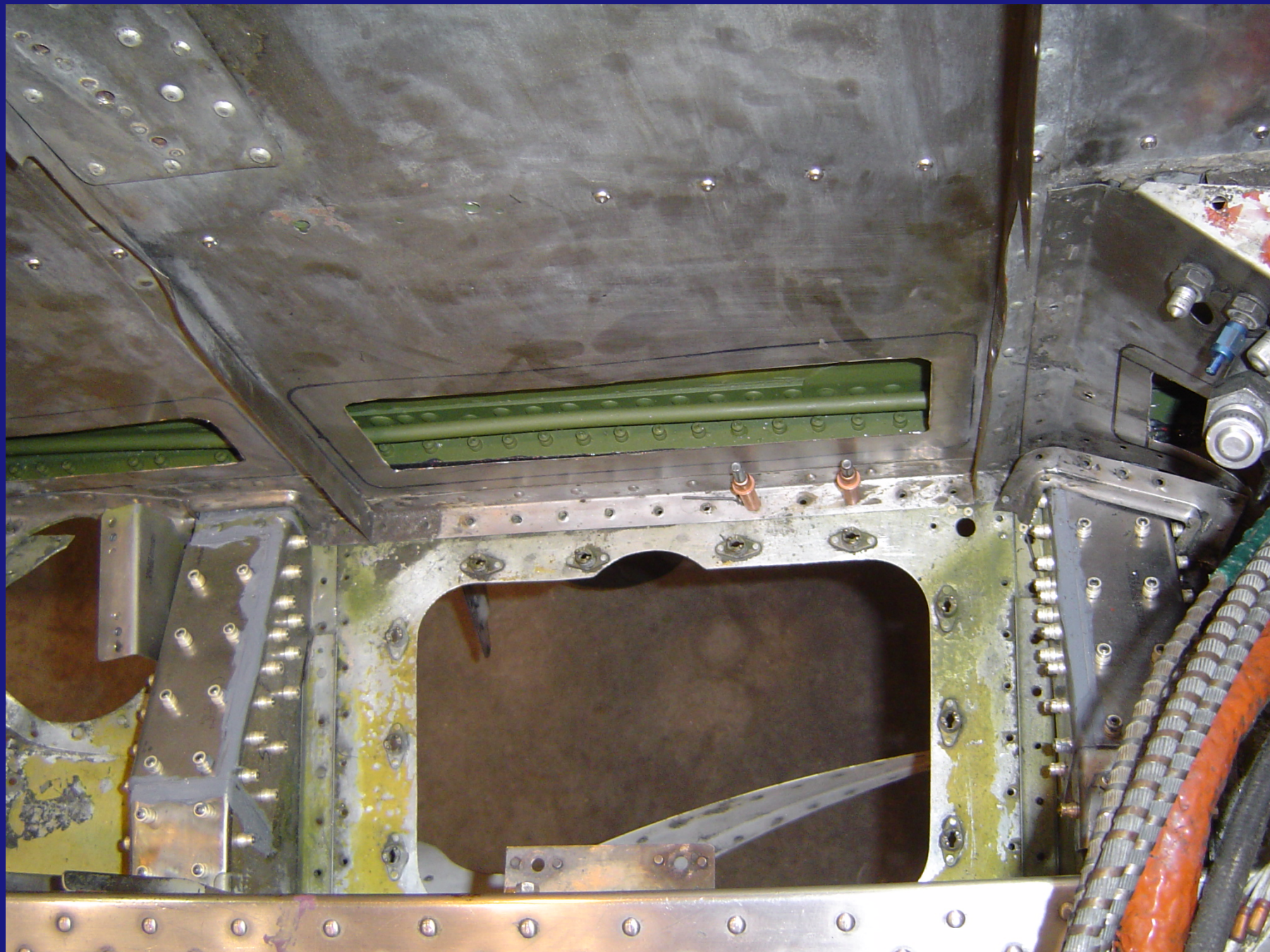
















# Some Concerns

- ☎ Industry Backlog given the proposed 12 month/500hr compliance schedule
- ☎ Quality control of field repairs and training of mechanics performing the work
- ☎ Capabilities/Capacity of repair facility and efficient use of labor and space
- ☎ Time delays based on engineering support

# Solutions

- ☎ Analyze industry capabilities before issuing A.D.
- ☎ Phase in compliance schedule based on T.A.T.
- ☎ Prepare for projected engineering support
- ☎ Oversight and Training for repair facilities



# Cape Air



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